

## **Historic, Archive Document**

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6045

# Seed Book

1910



W. H. Boffarding

Minneapolis, Minn.



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**ESTABLISHED 1872.****To My Friends and Patrons—**

While I have sold seeds for many years, last year I sent out my first Seed Book and price list, and here I want to thank my many customers for their liberal patronage.

I trust the Seed Book will be of assistance in selecting your seeds for the coming season. It is needless for me to talk quality to those who have already purchased from me, nevertheless to the many who have not had occasion to use my seeds I wish to emphasize the fact that I hold quality paramount in every sale I make. No matter how cheap others may sell their seeds, nor how many boasts they may make of their growing qualities, better seeds cannot be purchased nor can equal grades be sold for less than my prices.

Crops of seed peas, beans, radish and vine seeds are very short and would advise my customers to order early of these.

So many conditions enter into the ultimate successful growth of seeds that it is impossible to guarantee their productiveness. However, I assure every patron that I use my utmost endeavor to procure the best grades obtainable and this invariably succeeds.

Below I outline a few valuable hints on ordering seeds which if carefully followed will facilitate immediate shipment.

**W. H. BOFFERDING, Seedsman.**

**1221 Washington Ave. North.**

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**HOW TO ORDER SEEDS.**

Accompanying each catalog you will find order blanks and envelopes. Use the order blanks for orders only and follow instructions carefully—all additional information or questions should be written on a separate sheet. Be very explicit in giving name, full address and other shipping directions. Send cash with your order. You can send it by Post Office Money Order, Express Order, Bank Draft, Registered Letter, all of which I will be responsible for. Stamps will be taken as cash when received in good condition. No C. O. D. orders filled.

**POSTAGE RATES.**

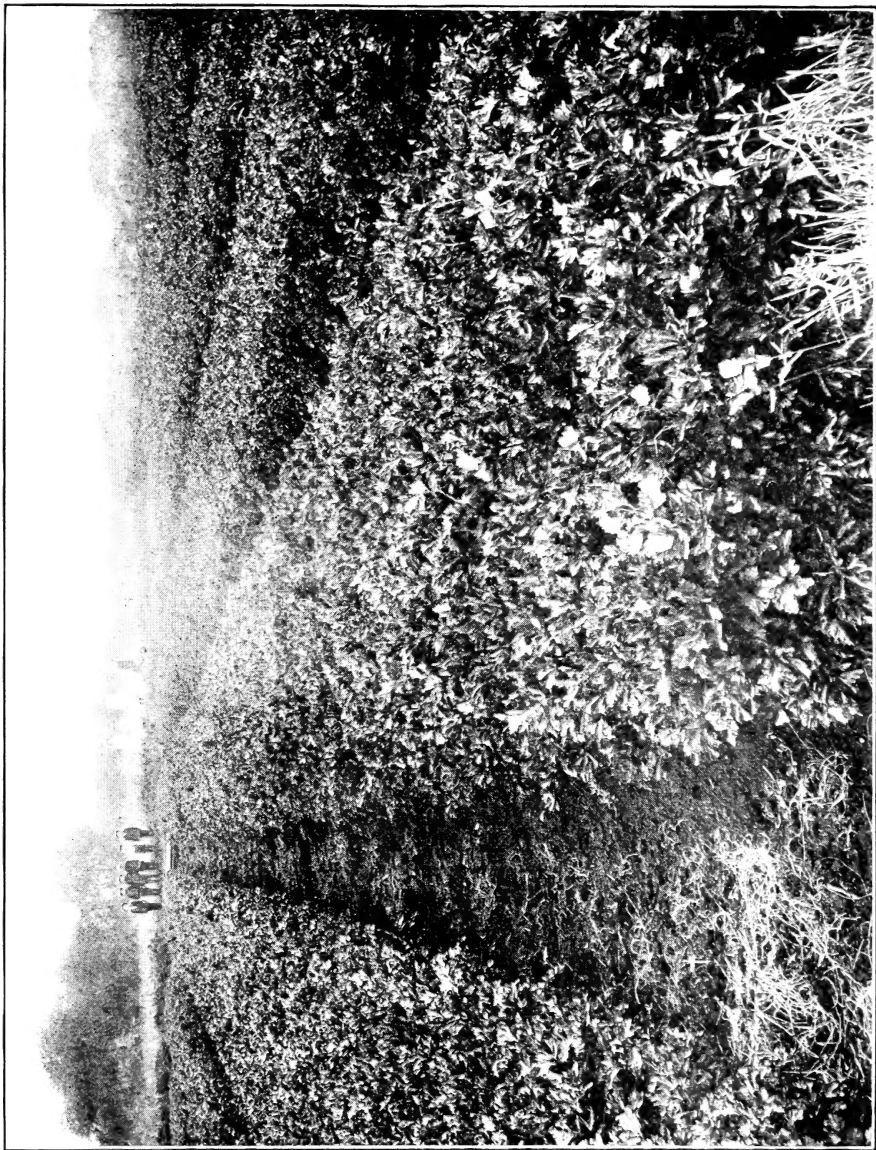
Seeds in quantities of  $\frac{1}{4}$  lb. or less will be mailed post paid at list prices. Quantities of  $\frac{1}{2}$  lb. or over will require postage at the rate of 8c per lb. in addition to catalog prices. Peas and Beans require 15 cents per qt. in addition to catalog prices.

Half lbs. are supplied at pound rates, half pecks at peck rates,  $\frac{1}{2}$  bushels at bushel rates. No charge for boxes, bags or barrels.

**SHIPMENT.**

All orders are filled immediately upon receipt of same. If not, I notify you by return mail as to the reason.

If goods, notice of shipment or acknowledgment of order are not received within a reasonable time, it may be assumed that the order has been miscarried or the name and address omitted. In such case notify me at once, giving your name and address and the list of some goods ordered so I will be able to check it up correctly and speedily.



Partial View of Field of Golden Yellow Self Blanching Celery

### CELERY—GOLDEN YELLOW, SELF BLANCHING

This is the best celery for early use. It is in condition as early in the fall as any and we have yet to find an extra early sort equal in quality and appearance to my stock of Golden Yellow, Self Blanching. Critical gardeners generally depend upon my stock to produce my finest early celery. Plants of a yellowish green color, but as they mature the inner stems and leaves turn a beautiful golden yellow so that blanching is effected at a minimum expenditure of time and labor. The handsomest color, crispness, tenderness, freedom from stringiness, and fine nutty flavor of this variety have fully established it as the standard first early sort.

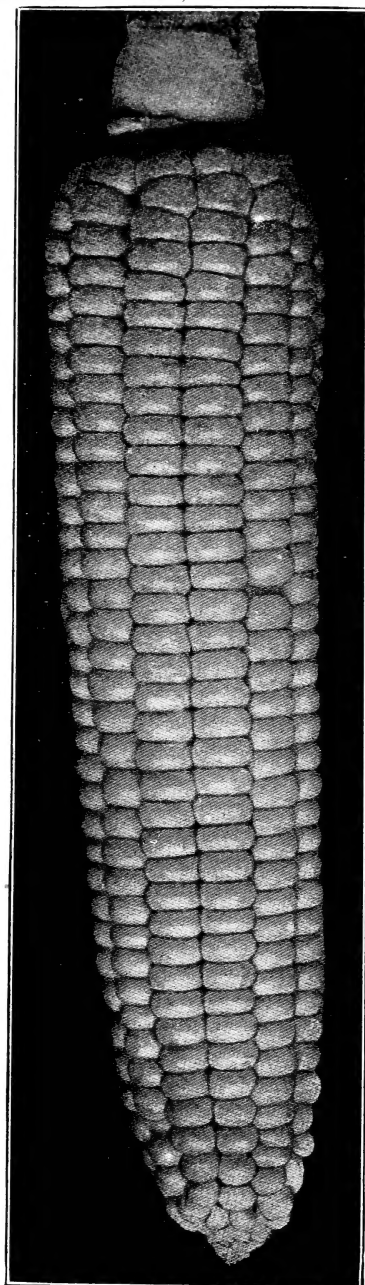
**Pkt. 10c; Oz. 45c; 2 Oz. 85c; 1-4 lb. \$1.50**

**SWEET CORN—****GOLDEN BANTAM, EARLY**

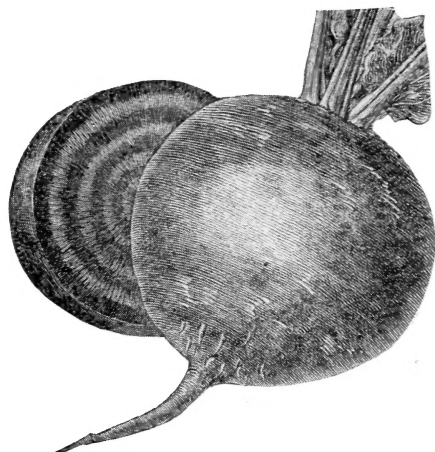
A new variety of sweet corn which many people consider the richest and sweetest of all corns. Some of my customers are now planting this corn at regular intervals during the season, so they may have it for table use continually and prefer it to all other sorts. It may be planted thickly and as late as July 17th. The corn itself is of a golden yellow color which at first gives one an impression of field corn, however, as soon as tasted there is an immediate call for more. My seed is raised from the originator's stock and has been selected specially for table quality.

**Pkt. 10c; Pt. 15c (by mail 20c); Qt. 30c (by mail 40c); by express—2 Qts. 50c; Peck \$1.60.**

**Black Mexican.**—This corn when in condition for the table, cooks remarkably white, but the ripe grain is black or bluish black. It is surpassed by none in tenderness and fine quality for family use. I consider it the most desirable second early sort. Stalks about six feet high. **Pkt. 10c; Pt. 15c (by mail 20c); Qt. 30c (by mail 40c); by express—2 Qts. 50c; Peck \$1.50.**



**Golden Bantam**



**Detroit Dark Red Turnip**

one of the foremost growers of cauliflower seed in Denmark, a specialist in his line.

With proper soil and cultivation this is sure to produce uniform large white heads, a reliable sort, one can trust to make good. **Pkt. Pkt. 10c; ¼ Oz. 65c; Oz. \$2.25; 2 Oz. \$4.25; ¼ Lb. \$3.00.**

**Early Snowball**—Admirably adapted for forcing or wintering over for early crop and the most popular sort for these purposes. It is also one of the best sorts for late summer and fall crop and with reasonably favorable conditions every plant will form large, solid head of fine quality. The plants are compact, with few narrow, upright leaves and are well suited for close planting. The heads are solid, compact, round, very white and curd like and are developed earlier than those of any other sort. In my recent comparative trials of samples from the best known growers and prominent seedsmen in Europe and America my stock of Early Snow-



**Cauliflower No. 888**

ball were unsurpassed by any in earliness. They also give the largest percentage of well formed heads. I am in position to supply the most critical trade with seed which can be depended upon as the very best. **Pkt. 10c; ¼ Oz. 65c; Oz. \$2.25; 2 Oz. \$4.25; ¼ Lb. \$8.00.**

**No. 888.**—Most desirable for forcing and for first planting in the open ground. This is a thoroughbred strain of this popular variety. It is a trifle earlier than Snowball and dwarfer, otherwise quite similar.

## BEET—DETROIT DARK RED TURNIP.

Careful comparisons with all the prominent varieties on the market in this country and in Europe prove that the Detroit Dark Red Turnip Beet is the most uniform in shape and size and the most attractive in color. It is unsurpassed in quality. Universally recognized as the best beet for the market, the home garden and for canning. **Pkt. 5c; Oz. 10c; ¼ Lb. 25c; Lb. 75c.**

## CAULIFLOWER.

**No. 473 Danish**—My own importation, seed grown by



This seed will produce cauliflower the equal of any on the market. Good strains of this seed have a 50 to 60 year pedigree. They are so high bred that it is very seldom that the plants average good seed crop, hence the best seed is always dear and scarce. My seed is from a famous grower whose strain is unexcelled. **Pkt. 25c; ¼ Oz. 75c; Oz. \$2.50; 2 Oz. \$4.50.**

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## FINEST GLOBE ONIONS

### GLOBE ONIONS.

Different markets and localities prefer different onions. Globe Onions are generally most popular and yield better than the other sorts. Flat onions are the earliest and the large sized kinds have the best flavor. My Select White, Red and Yellow Globe are ideal of their kind and the most critical planters can rely upon this seed. **Every bag of seed is tested as to vitality.**

### SELECT WHITE

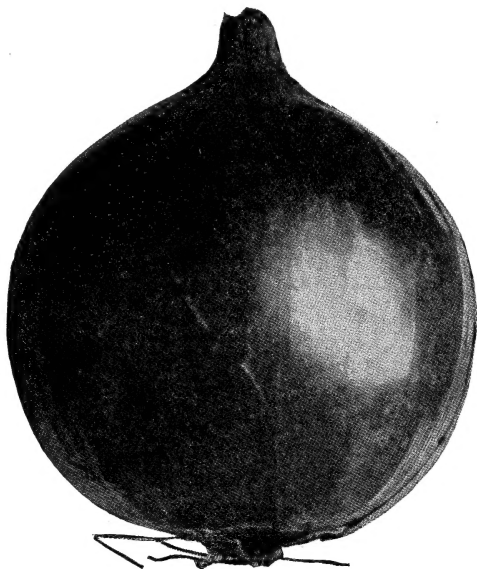
#### GLOBE.

This is the handsomest

of all Onions. **My genuine Eastern grown stock** is of the true globe form; pure white, hard, small necked, ripening very early and evenly, a good keeper. I supply the largest market gardeners. To get a very fine white onion, pull just as they begin to go down, and dry in any airy and shady place. No market gardener or onion grower can afford to plant inferior seed, with only cheapness of price to recommend it, when seed like this is to be had, the results of a few ounces often paying twice the first cost of the best seed. **Oz. 25c; 2 Oz. 45c; ¼ Lb. 85c; Lb. \$3.25.**

**Select Southport Red Globe.**—My Select Red Globe is a beautiful crimson red and a better lot of seed cannot be found. It is of immense size, very solid and firm—qualities which make it a fine seller and an excellent keeper. Our market garden customers regularly grow crops yielding 800 to 1,000 bu. from this seed. Our grower is an expert who especially selects this seed from large fine colored, solid bulbs, well cured and ripened, carefully avoiding all thick necked ones. **Pkt. 10c; Oz. 20c; 2 Oz. 35c; ¼ Lb. 50c; Lb. \$1.75.**

**Select Southport Yellow Globe.**—A main crop, late, large, round Onion. It is sure to satisfy the one who buys a packet or the one who sows 50 pounds for carload shipments. A truly grand Onion, whose large golden-yellow spheres make a beautiful appearance, sacked or barreled for the market. Finest of all yellow onions for keeping. My Eastern strain of seed is from a grower of twenty-five years' experience who makes a specialty of this variety. There is no better. **Oz. 20c; 2 Oz. 35c; ¼ Lb. 50c; Lb. \$1.75.**



Select Red Globe

**SPINACH.****W. H. B. Triumph—**

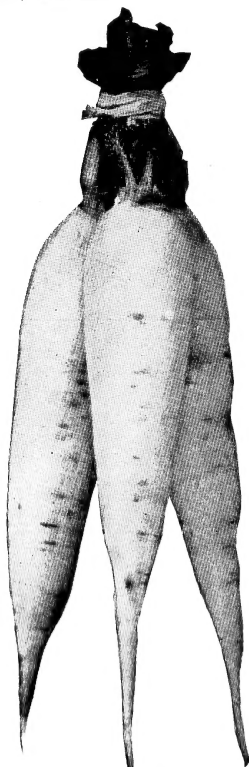
In this new Spinach we have a large growing variety of the best quality that withstands hot weather longer than any other sort. By its use the Spinach season may be lengthened a whole month. We anticipate great popularity for it as it is not only long standing, but is also superior in quality and size to all the older kinds. **Pkt. 5c; 2 Oz. 10c; ¼ Lb. 15c; Lb. 25c.**

**W. H. B. Triumph****RADISH—W. H. B. SELECT ICICLE.**

I have a special strain of this popular Radish that is in a class by itself. Everyone who plants radishes should put in a plat of this variety. Of highest quality and stays in an edible condition longer than any other early sort. Roots long, slender and white. **Pkt. 5c; Oz. 10c; ¼ Lb. 20c; Lb. 65c.**

**RADISH.**

**Improved Early Scarlet Globe.—W. H. B. Selected Stock.**—A most desirable sort for greenhouse and hot-bed forcing and for out-of-doors; very early, mild, crisp, juicy and tender; top small and will stand heat without becoming pithy. One of the best selling and most attractive radishes on account of its handsome rich bright scarlet color. Is ready in 25 days. My stock of this is the very best, selected with care as to size, shape, color and earliness, and market gardeners will find it a money maker; it is just right in every respect. We take great pains to have it so and our gardener customers who plant this seed always command the highest market prices. For family use this should be sown every ten days in order to always have a fresh supply. **Pkt. 5c; Oz. 10c; ¼ Lb. 20c; Lb. 70c; by express—5 Lbs. \$3.25; 10 Lbs. \$6.00.**

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## BUSH BEANS.

### New Kidney Wax.

Every grower should try this splendid new bean. Robust in growth, plants about 18 to 20 inches high, more prolific than the Wardwell's Kidney Wax, longer pods, handsomer in appearance, entirely stringless, fleshy, and of fine quality.

This is the best bean I ever saw, my grower mailed me samples which were long, well shaped and brittle, he claims this is more productive than any of the older sorts.

Plants erect bush habit, foliage free from blight, while the pods are free from rust so common with most the other varieties.

The season for bearing is the same as Wardwell's Kidney Wax. **Packet, 10c; Pint, 25c; Qt., 45c; Peck, \$2.50.**

## PEAS—ALDERMAN.

In many respects the very best early main crop pea of the valuable Telephone type. Pods very large, long, dark green, similar to Duke of Albany and about the same in season; peas of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and furthermore is the most productive variety of this class. **Pkt. 10c; Qt. 40c; ¼ Bu. \$2.25; Bu. \$8.50.**

## CABBAGE—HOLLANDER OR DANISH BALL HEAD.

Very hardy, handsome, very solid, of fine quality and as one of the very best keepers it is particularly desirable for distant markets or for late spring use. Plant vigorous, compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Head medium sized, round, very solid and stands shipment better than any other late sort. I offer seed of my own contract growing which, judging from recent trials, will produce more uniformly typical heads than can be grown from the best stocks obtainable elsewhere. **Pkt. 5c; Oz. 25c; 2 Oz. 45c; ¼ Lb. 80c; Lb. \$3.00.**

## SPECIAL PRICE LIST OF BOFFERDING'S TESTED AND TRUE GARDEN AND FLOWER SEEDS.

My prices are based on customer paying transportation charges, but when Packets, Ounces and Quarter Pounds are wanted by mail I pay the postage. When larger lots, such as Pounds or Quarts, are wanted by mail or express, prepaid, customer must remit 8 cents per pound and 15 cents per quart extra.

When not ordered by mail or express, prepaid, as above described, I will ship by freight or express at buyer's expense.

All packets of vegetable seeds 5 cents unless otherwise noted.

### ASPARAGUS.

	Oz.	¼ Lb.	Lb.
Conover's Colossal .....	\$0.10	\$0.15	\$0.40
Palmetto .....	.10	.15	.40
Columbia Mammoth White .....	.10	.20	.55

### ASPARAGUS ROOTS.

	Per 100	Per 1,000
Conover's Colossal .....	\$1.00	\$5.25

### BEANS—DWARF.

	Qt.	2 Qts.	Peck.	Bu.
Triumph, New Kidney Wax.....	\$0.45	\$0.80	\$2.50	....
Challenge Dwarf Black Wax, 35 days....	.30	.50	1.75	6.50
Golden Wax, 35 days.....	.30	.50	1.75	....
Refugee Wax, 40 days.....	.30	.55	1.75	6.75
Wardwell's Kidney Wax, 45 days.....	.30	.55	1.80	7.00
Davis Wax, 45 days.....	.30	.55	2.00	6.75
Extra Early Refugee, 30 days.....	.25	.45	1.50	5.25
Early Mohawk, 38 days.....	.25	.45	1.45	5.00
Dwarf Horticultural (Cranberry).....	.30	.55	1.75	....
Refugee or 1000 to One, 40 days.....	.25	.50	1.50	5.50
Dwarf Large White Lima.....	.40	.75	2.50	....
Burpee's Improved Bush Lima.....	.40	.75	2.75	....
White Navy .....	.20	.35	1.00	4.00

### BEANS—POLE.

Kentucky Wonder or Old Homestead....	.40	.75	2.50	....
<b>Beans, pkt. 10c, postpaid.</b>				

### BEET.

	Oz.	¼ Lb.	Lb.
Extra Early Egyptian Blood Turnip, 40 days.....	\$0.10	\$0.20	\$0.65
Crosby's Egyptian, Early, 45 days.....	.10	.20	.60
Detroit Dark Red Turnip (5 lbs. \$3.50), 48 days..	.10	.25	.75
Early Eclipse, 40 days.....	.10	.15	.50
Early Turnip Bassano .....	.10	.15	.45
Half Long Dark Blood, 62 days.....	.10	.15	.55
Swiss Chard or Sea Kale Beet.....	.10	.15	.50

### BEET FOR STOCK FEEDING.

	¼ Lb.	1 Lb.	5 Lbs.
Giant Feeding Sugar Beet, Half Sugar Mangel, 95 days .....	\$0.10	\$0.30	\$1.25
Improved Long Red, 120 days.....	.10	.25	1.00
Orange Globe, 95 days.....	.10	.25	1.00
Golden Tankard, 100 days.....	.10	.25	1.00
Rose Leaf Sugar Beet Mangel.....	.10	.25	1.00

**BRUSSELS SPROUTS.**

	Oz.	2 oz.	$\frac{1}{4}$ Lb.	Lb.
Improved Half Dwarf .....	\$0.20	\$0.40	\$0.60	\$2.00

**CABBAGE.**

Early Jersey Wakefield, 75 days.....	\$0.30	\$0.55	\$0.85	\$3.00
Charleston or Large Wakefield, about 80 days .....	.30	.55	.85	3.00
Henderson's Early Summer, 80 days.....	.20	.35	.60	2.25
Early Dwarf Flat Dutch, 80 days.....	.20	.35	.60	2.25
All Seasons, 90 days.....	.20	.35	.60	2.00
Succession, 90 days.....	.25	.45	.75	3.00
All Head Early, or Faultless.....	.20	.35	.60	2.00

**Late or Autumn and Winter Sorts.**

The Warren or Improved Stone Mason..	.25	.45	.75	3.00
Surehead .....	.20	.35	.60	2.25
Premium Flat Dutch.....	.20	.35	.60	2.00
Premium Drumhead .....	.20	.35	.60	2.00
Hollander or Danish Ballhead.....	.25	.45	.80	3.00
Danish Ballhead, long stem, fine keeper..	.25	.45	.80	3.00
Longkeeping, one of the best, for storing	.30	.50	.85	3.00
Mammoth Rock Red .....	.25	.45	.80	.....
Savoy, Improved American.....	.25	.45	.75	.....

**CARROTS.**

Three Ounces of Seed to 100 Yards of Row. 60 to 70 Days from Germination to Maturity For Table.

Chantenay .....	\$0.10	\$0.15	\$0.25	\$0.75
Danvers .....	.10	.15	.25	.75
Guerande or Ox Heart.....	.10	.15	.20	.65
Improved Short White.....	.10	.15	.20	.60

**CAULIFLOWER.**

One-half Ounce of Seed to 100 Yards of Row.

	Pkt.	Oz.	2 oz.	$\frac{1}{4}$ Lb.
Danish No. 473, The Prize Winner.....	\$0.10	\$2.25	\$4.25	\$8.00
Early Snowball, 90 to 100 days.....	.10	2.25	4.25	8.00
No. 888, 90 to 100 days.....	.25	2.50	4.50	8.50
Early Favorite .....	.05	.75	1.25	2.00

**CELERY.**

Golden Yellow Self Blanching .....	\$0.10	\$0.45	\$0.85	\$1.50
White Plume .....	.05	.15	.30	.50
Columbia .....	.10	.50	.75	.....
Celeriac, Large Smooth Prague (Turnip Rooted) .....	.05	.20	.35	.60

**CHERVIL.**

	Oz.			
Curled .....	\$0.15	.....	.....	.....

**CHICORY.**

Large Rooted .....	\$0.15	.....	.....	.....
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**CORN SALAD.**

Large Seeded .....	\$0.10	.....	.....	.....
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**CRESS.**

	Oz.	2 oz.	$\frac{1}{4}$ Lb.	Lb.
Curled, or Pepper Grass.....	\$0.10	\$0.15	\$0.20	.....
True Water .....	.30	.55	1.00	.....

**CORN.**

	<b>Qt.</b>	<b>2 Qt.</b>	<b>¼ Bu.</b>	<b>Bu.</b>
<b>70 to 90 Days.</b>				
Peep O'Day, Minnesota Grown.....	\$0.25	\$0.45	\$1.35	\$5.00
Mammoth White Cory .....	.25	.45	1.35	5.00
White Cob Cory .....	.25	.45	1.35	4.75
Crosby's Early .....	.25	.45	1.35	5.00
Golden Bantam, Minnesota Grown.....	.30	.50	1.60	6.00
Early Minnesota .....	.25	.45	1.30	5.00
Perry's Hybrid .....	.25	.45	1.35	4.75
Black Mexican .....	.30	.50	1.50	5.50
Early Evergreen .....	.25	.45	1.35	5.00
Country Gentleman .....	.25	.45	1.40	5.00
<b>80 days.</b>				
Stowell's Evergreen .....	.25	.45	1.25	4.50
Zig Zag Evergreen Corn, Minnesota Grown, fine strain, one of the very best late varieties .....	.25	.45	1.25	4.50
Corn Pkt. 10c Postpaid.				

**CUCUMBER.**

	<b>Oz.</b>	<b>2 oz.</b>	<b>¼ Lb.</b>	<b>Lb.</b>
Forcing No. 432K .....	\$0.35	\$0.70	\$1.25	\$4.00
Davis Perfect, Fine Strain for forcing....	.20	.35	.60	2.00
Extra Long, or Evergreen White Spine...	.10	.20	.35	1.25
Boston Pickling .....	.10	.20	.30	1.00
Chicago Pickling .....	.10	.20	.35	1.25
Jersey Pickling .....	.10	.20	.35	1.25
Improved Long Green, Superior Stock...	.10	.20	.35	1.25

**DANDELION.**

Improved Thick Leaved, Pkt. 10c.....	\$0.40	\$0.75	\$1.30	.....
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**EGG PLANT.**

Improved Large Purple Spineless.....	\$0.35	\$0.60	\$1.10	.....
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**ENDIVE.**

Large Green Curled.....	\$0.15	\$0.25	\$0.40	.....
Moss Curled .....	.15	.25	.40	.....
Broad Leaved Batavian.....	.15	.25	.40	.....
Louvier's Lacinated New .....	.20	.35	.60	.....

**KALE OR BORECOLE.**

Tall Green Curled Scotch.....	\$0.10	\$0.15	\$0.20	\$0.60
Dwarf Curled Scotch, or German Greens	.10	.15	.20	.60

**KOHL RABI.**

Early White Vienna, for forcing.....	\$0.20	\$0.35	\$0.60	.....
Large Green .....	.15	.30	.50	.....

**LEEK.**

Large American Flag .....	\$0.10	\$0.20	\$0.30	\$1.10
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**LETTUCE—HEAD OR CABBAGE.**

May King .....	\$0.15	\$0.25	\$0.40	\$1.50
Market Gardeners' Private Stock.....	.10	.15	.30	1.00
California Cream Butter.....	.10	.15	.30	1.00
Salamander .....	.10	.15	.30	1.00
Mammoth Black Seed Butter.....	.10	.15	.30	1.00
Big Boston .....	.15	.25	.40	1.50

**LETTUCE—CURLED OR LOOSE LEAVED.**

Grand Rapids, for forcing.. ..	\$0.10	\$0.20	\$0.30	\$1.25
Ferry's Early Prize Head.....	.10	.15	.25	1.00
Black Seeded Simpson .....	.10	.15	.25	1.00

**MUSK MELON—GREEN FLESHED.**

	Oz.	2 Oz.	$\frac{1}{4}$ Lb.	Lb.
Extra Early Citron.....	\$0.10	\$0.20	\$0.35	\$1.15
Extra Early Hackensack .....	.15	.20	.35	1.00
Rocky Ford .....	.10	.15	.20	1.00
Hackensack Large .....	.15	.25	.45	1.50
Tip Top .....	.15	.30	.50	1.75

**Yellow Fleshed Varieties—**

Osage .....	.10	.20	.40	1.40
Surprise .....	.10	.20	.35	1.10
White Japan .....	.15	.25	.45	1.50

**WATER MELON.**

Kleckly's Sweets, one of the sweetest....	\$0.10	\$0.20	\$0.30	\$0.90
Round Light Icing.....	.10	.15	.25	.75
Long Light Icing .....	.10	.15	.25	.75
Dark Icing, Early .....	.10	.15	.25	.75
Sweet Heart .....	.10	.15	.25	.75
Citron, for preserving, pink seed.....	.10	.15	.25	.85

**NASTURTIUM.**

Tall Mixed Garden .....	\$0.10	\$0.15	\$0.20	.....
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**OKRA OR GUMBO.**

White Velvet .....	\$0.10	\$0.10	\$0.15	\$0.45
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**ONION.**

Extra Early Red .....	\$0.20	\$0.35	\$0.60	\$2.15
Large Red Wethersfield .....	.20	.35	.60	2.25
Southport Red Globe.....	.20	.30	.50	1.75
Southport Red Globe, Selected Stock.....	.20	.35	.50	1.75
Michigan Yellow Globe.....	.20	.35	.60	1.90
Southport Yellow Globe, Selected Stock..	.20	.35	.50	1.75
Southport White Globe, Selected Stock..	.25	.45	.85	3.25
Mammoth Yellow Spanish or Prizetaker..	.20	.35	.65	2.00
White Portugal, for sets.....	.25	.45	.85	3.00
Queen, for pickling .....	.15	.25	.45	1.60

**ONION SETS.**

Red Bottom .....	Per Lb.	\$0.20;	100 Lbs.	\$10.00
Yellow Bottom Sets .....	Per Lb.	.20;	100 Lbs.	10.00
White Bottom Sets .....	Per Lb.	.20;	100 Lbs.	11.00

The single pound price will hold good during the season, or as long as stock lasts. Prices by the 100 lbs. of all sets are subject to fluctuations of the market. Write for prices.

**PARSLEY.**

	Oz.	2 oz.	$\frac{1}{4}$ Lb.	Lb.
Plain .....	\$0.10	\$0.10	\$0.15	\$0.45
Champion Moss Curled .....	.10	.10	.15	.55
Turnip Rooted or Hamburg .....	.10	.10	.15	.45

**PARSNIP.**

	Oz.	$\frac{1}{4}$ Lb.	Lb.
Hollow Crown or Guernsey.....	\$0.10	\$0.15	\$0.50

**PEPPER.**

	Oz.	2 oz.		
Red Cherry .....	\$0.25	\$0.45	.....	.....
Red Chili .....	.25	.45	.....	.....
Long Red Cayenne.....	.25	.45	.....	.....
Large Bell or Bull Nose.....	.20	.35	.....	.....
Ruby King .....	.25	.40	.....	.....
Chinese Giant .....	.45	.80	.....	.....
Improved Thick Long Red.....	.30	.....	.....	.....

## PEAS.

Extra Early Sorts—	Qt.	2 Qts.	¼ Bu.	Bu.
Ferry's First and Best.....	\$0.30	\$0.55	\$1.75	\$7.00
Alaska or Earliest of All.....	.35	.65	1.75	7.00
Thomas Laxton .....	.35	.65	2.25	8.50
Gradus .....	.40	.65	2.50	9.00
American Wonder .....	.30	.65	1.85	7.25
Nott's Excelsior .....	.35	.65	1.75	7.00
Second Early—				
Dwarf Champion .....	\$0.35	\$0.65	\$1.70	\$6.50
Strategem .....	.35	.65	2.00	7.00
Alderman .....	.40	.75	2.25	8.50
Melting Sugar .....	.40	.....	.....	.....

Peas, Pkt., 10c Postpaid.

## Field Sorts—

Choice White ..... Market Price.

## PUMPKIN.

	Oz.	2 oz.	¼ Lb.	Lb.
Large Yellow .....	\$0.10	\$0.10	\$0.10	\$0.30
Sugar or New England Pie.....	.10	.15	.20	.60

## RADISH.

Non Plus Ultra, Deep Scarlet Turnip Forcing .....	\$0.10	\$0.15	\$0.20	\$0.60
Early Scarlet Globe, Improved Select Stock .....	.10	.15	.20	.70
Vick's Scarlet Globe .....	.10	.15	.20	.60
Early Scarlet Turnip, White Tipped....	.10	.15	.20	.60
Special, Half White, Scarlet Turnip.....	.10	.15	.25	.75
French Breakfast .....	.10	.15	.20	.60
Early Long Scarlet, Short Top.....	.10	.15	.15	.50
Wood's Early Frame .....	.10	.15	.15	.50
Improved Chartier or Shepherd.....	.10	.15	.20	.60
Early Golden Yellow Oval.....	.10	.15	.25	.65
Long White Vienna or Lady Finger.....	.10	.15	.20	.60
Icicle, fine crisp, the best long white....	.10	.15	.20	.65
Early White Giant Stuttgart .....	.10	.15	.20	.60
White Strasburg .....	.10	.15	.20	.60

## WINTER VARIETIES.

Scarlet China .....	\$0.10	\$0.15	\$0.20	\$0.60
California Mammoth—White China .....	.10	.15	.25	.70
Round Black Spanish .....	.10	.15	.20	.60
Long Black Spanish .....	.10	.15	.20	.55

## RAPE.

	Lb.	10 Lbs.	100 Lbs.
Dwarf Essex, for sowing.....	\$0.15	\$1.15	Mkt. Price.

## RHUBARB.

	Oz.	2 oz.	¼ Lb.	Lb.
Rhubarb or Pie Plant.....	\$0.15	\$0.25	\$0.35	\$1.10

## SALSIFY OR VEGETABLE OYSTER.

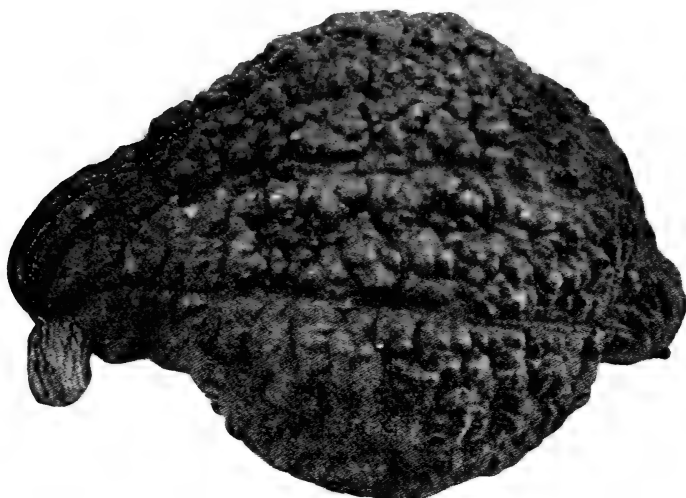
Mammoth Sandwich Island.....	\$0.15	\$0.25	\$0.35	\$1.25
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## SPINAGE.

	¼ Lb.	1 Lb.	10 Lbs.	25 Lbs.
Bloodsdales, Landreth's .....	\$0.10	\$0.20	.....	.....
Savoy Leaved .....	.10	.20	\$1.75	\$3.75
Triumph or Long Season.....	.10	.25	2.25	5.00
Round Summer Broad Leaf.....	.10	.20	1.75	3.75
Long Standing .....	.10	.20	1.75	3.75
Long Standing Prickly.....	.10	.20	1.75	3.75



## SQUASH.



The Peary Hubbard Squash

	Oz.	2 oz.	$\frac{3}{4}$ Lb.	Lb.
Mammoth White Bush Scallop.....	\$0.10	\$0.15	\$0.25	\$0.75
Mammoth Summer Crookneck.....	.10	.15	.25	.75
Fordhook .....	.10	.15	.20	.70
Delicious .....	.10	.15	.25	.85
Hubbard, the Peary.....	.10	.15	.25	.75
Hubbard .....	.10	.15	.20	.60

The Peary Strain Hubbard Squash is the result of careful selection, by one of the best known squash growers in this locality.

Large hard, dark green, heavily warted skin, thick fleshed and a heavy cropper. A favorite with the marketmen and shippers.

## SUGAR CANE OR SORGHUM.

	Lb.	100 Lbs.
Early Amber .....	\$0.15	Mkt. Price.
For Fodder .....		Mkt. Price.

## SUNFLOWER.

	Lb.	10 Lbs.
Mammoth Russian .....	\$0.10	\$0.60

## TURNIP.

	Oz.	$\frac{3}{4}$ Lb.	Lb.
Turnip, Extra Early White Milan.....	\$0.10	\$0.25	\$0.70
Extra Early Purple Top Milan.....	.10	.20	.60
White Egg .....	.10	.15	.50
Early Purple Top, Strap Leaved.....	.10	.15	.40
Pomerian White Globe.....	.10	.15	.40
Purple Top, White Globe.....	.10	.15	.40

## Yellow Fleshed Turnips—

Yellow Stone .....	.10	.15	.50
Purple Top Yellow Aberdeen.....	.10	.15	.45

## Rutabagas or Swedes—

American Purple Top .....	.10	.15	.40
Sutton's Champion .....	.10	.15	.35

## TOMATOES.



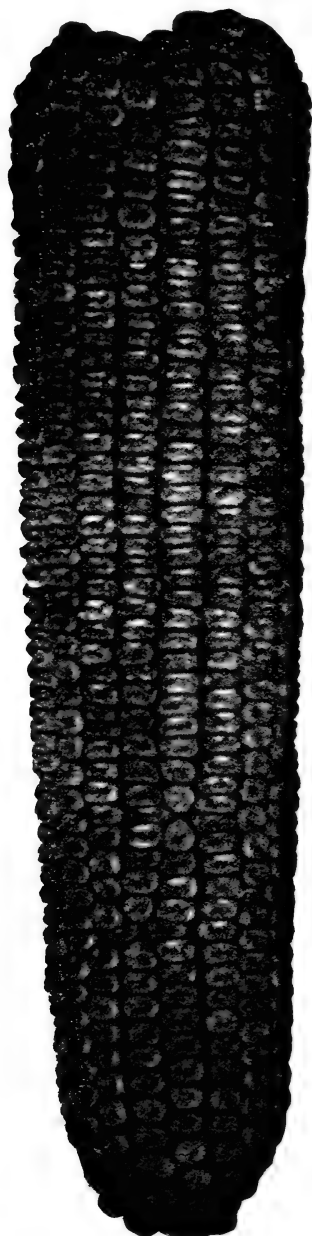
June Pink

	Oz.	2 oz.	$\frac{1}{4}$ Lb.
June Pink, Best Early Variety.....	\$0.30	\$0.55	\$1.00
Stone, One of the Best Late.....	.25	.35	.65
Earliana, Early .....	.25	.45	.80
Beauty .....	.20	.35	.65
Dwarf Stone .....	.25	.35	.65
Acme .....	.20	.35	.65
Livingston's Globe .....	.30	.55	1.00
Dwarf Champion .....	.20	.40	.75
Hummer, New .....	.30	.....	.....
Golden Queen .....	.25	.45	.75
Peach .....	.25	.45	.75
Red Cherry .....	.25	.45	.75
Yellow Plum .....	.25	.45	.75
Yellow Husk or Ground Cherry.....	.25	.45	.70

## SWEET HERBS.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Sage, broad leaved .....	\$0.05	\$0.15	\$0.40	\$1.40
Thyme .....	.05	.25	.75	2.50
Summer Savory .....	.05	.10	.30	.90
Sweet Marjoram .....	.05	.10	.35	1.15
Caraway .....	.05	.10	.....	.....
Hoarhound .....	.05	.15	.....	.....
Saffron .....	.05	.10	.....	.....
Coriander .....	.05	.10	.....	.....
Sweet Basil .....	.05	.15	.....	.....
Dill .....	.05	.10	.15	.50
Lavender .....	.05	.35	.....	.....
Wormwood .....	.05	.15	.....	.....

## QUALITY SEED CORN.



Dodd's Yellow Dent

The splendid varieties described and priced on this page are all grown in Hennepin and Brown Counties, carefully selected for seed. If you want seed corn that will mature in this northern latitude and produce a fine crop of large, fully developed ears, I don't hesitate in recommending the kinds listed. My aim is to have good corn to offer for seed, for cheap seed is too dear at any price.

**Minnesota No. 13.** This well known corn originated by Prof. Hays, of the Minnesota Experimental Station, is one of the earliest Yellow Dent varieties, this every corn grower will admit is the essential feature to be considered in buying corn for planting in the northern latitudes. The stock I offer is grown for me in Brown County. With good soil and proper cultivation you can't help having a well filled crib of good corn.

**Price, Qt., postpaid, 30c.** By express, **Peck., 80c; Bu., \$3.00.**

**Dodd's Yellow Dent.** I have sold Dodd's Yellow Dent corn for ten seasons, and can say truthfully, that I have yet to hear a single complaint from a customer not being satisfied with this corn.

I do not hesitate to recommend this to the most critical grower. In the summer of 1908 very little corn properly matured, the Dodds, however, thoroly ripened, which proves it to be next to flint in earliness.

**Price, Qt., postpaid, 30c.** By express, **Peck., 80c; Bu., \$3.00.**

**Green's White Dent.** This splendid white corn is one of the main crops in this locality. Selected for earliness with fine formed large ears and deep kernel, tip and butt well rounded. Can't be beat.

**Price, Qt., postpaid, 30c.** By express, **Peck., 80c; Bu., \$3.00.**

**Longfellow Flint.** A prolific early 8-rowed yellow variety of

very handsome appearance. The ears are close, with large broad kernels. Very desirable for the northwest. Price, Qt., postpaid, 35c. By express, Peck, 85c; Bu., \$2.75.

**Red Cob Fodder Corn.**—This variety is now grown in the large dairy regions of Minnesota so extensively as almost to exclude all the other so-called fodder corn, and the verdict is that it is the best. It is sweet, tender and juicy; has short joints, abundance of leaves, grows to great height, furnishing more than double the bulk and more nourishment than ordinary field corn. Thoroly tested and recleaned, hence you buy no cobs or dirt. Price, Peck, 40c; Bu., \$1.25. Write for prices in larger lots.

Sugar Cane for Fodder. Write for prices.

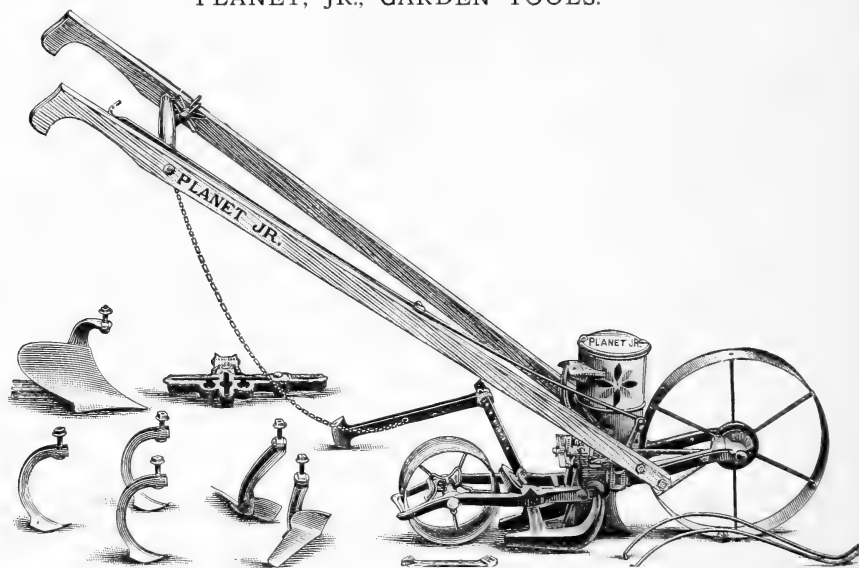
### TRIUMPH CANADIAN OATS.

Ninety-one bushels of two and one-half bushels sowed is the results one of my customers reports of this wonderful oats.

Grown in the extreme north, large grain, thin hull, almost as heavy as wheat, stand up stiff and straight until fully matured.

Try this, you are in a way to increase your income when you use this oat. Price, Peck, 40c; Bu., \$1.35; 2½ Bu., \$2.25; 10 Bu., \$12.00, bags included.

### PLANET, JR., GARDEN TOOLS.



Delivered at Depot or Express Office Minneapolis, Minn., at List Price.

**Planet Jr. No. 6.**—Price as a drill only, \$11.00; complete, Hill and Drill, Seeder and Wheel Hoe—Cultivator and Plow combined, \$13.50.

**Planet Jr. No. 4.**—Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow (no Rakes). Price, complete, \$11.00. Price, as a Drill only, \$9.00.

**Planet Jr. No. 3.**—Price as a Hill and Drill Seeder only, \$10.50.

**Planet Jr. No. 13.**—Double Wheel Hoe, with one pair hoes only, \$4.75.

**Planet Jr. No. 13½.**—Disc Hoe, \$6.00.

**Planet Jr. No. 18.**—Single Wheel Hoe, with one pair hoes only, \$3.50.

### ATTACHMENTS.

These attachments will fit the Double and Single Wheel Hoes, except No. 19, and are sold separately if desired.

Discs, per pair, **\$2.25.**

Three-Prong Cultivator Teeth, per pair, **\$1.30.**

Plows, per pair, **\$1.10.**

C. & D. Hoes, complete, 4½-inch, **80c** per pair.

C. & D. Hoes, complete, 6-inch, **90c** per pair.

C. & D. Hoes, complete, 7-inch, **\$1.00** per pair.

C. & D. Hoes, complete, 8-inch **\$1.10** per pair.

Excelsior Weeding Hook. **Price, 20c,** postpaid.

Steel Garden Trowels, 6-inch blade. **Price, 25c,** postpaid.

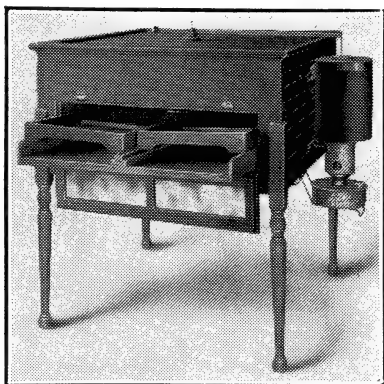
Hazeltine Hand Wheeler and Scraper. **Price, 25c,** postpaid.

**Complete catalogue of Planet Jr. Garden Tools sent on request.**

### THE MODEL INCUBATORS.

In offering the Model Incubators to poultry keepers or to those about to engage in poultry keeping, we offer not simply a mechanical contrivance to hatch eggs, but instead, a machine that imitates automatically, as far as it is possible for a machine to do, the natural conditions as found in the hen's nest. The incubator should be and really is a big hen, ready at all times to set, and to develop the life within the egg and bring forth a strong, lively chick from each and every hatchable egg.

To be able to produce such a machine, one that will do the for the expert, requires more work for an amateur as well as than mere machinery, carpenters and other workers.



A wooden box equipped with a heating apparatus, lamp and regulator is not an incubator, except in name. An incubator, to be at all the name implies or means, should be the result of much patient experiment and the knowledge of what incubation is, how it progresses, what effect the various degrees of heat have on the life within the shell, what effect little or much ventilation has on the moisture within the shell. In fact, we are dealing with life and its development. These are the reasons why so many incubators fail to do satisfactory work. They have been built by men who have little or no knowledge of the laws that govern incubation and how to apply them so as to produce a machine that will duplicate the work of the hen.

The Model Incubators are the result of many years' work by experts in this line. The diffusive principle of ventilation, used, supplies the necessary heat and air to the eggs in a natural way, thus insuring natural conditions, a natural hatch and natural chicks, chicks that are bright, hardy and vigorous and out for business.

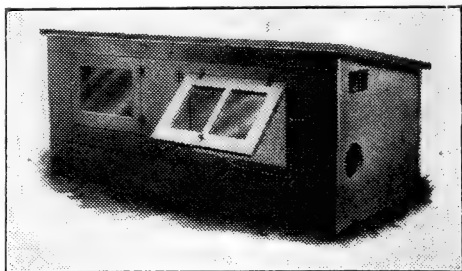
**No. 1 Incubator, 155-Egg Capacity, \$22.00.**

**No. 2 Incubator, 250-Egg Capacity, \$31.00.**

**Model 13 Incubator, 175-Egg Capacity, \$15.00.**

### THE MODEL BROODERS.

The Model Brooders are a long step toward perfection. The diffusive principle has been employed in the heating system; which eliminates the "hot spots" usually found in brooders, and which cause the chicks to crowd. Moreover, the heating system is so arranged that the general temperature in the nursery is maintained nearly equal to that of the hover, which makes possible a lower hover temperature and absolutely prevents crowding, promotes exercise, and the chicks grow and thrive under the natural conditions thus obtained. They are light and well ventilated, and easily cleaned.



The Colony Brooder is provided with a smoke stack, and the heating apparatus has been so improved that it will maintain 90 degrees heat in freezing weather with a 60-mile gale and not smoke.

**The Colony Brooder** is three feet deep by six feet long. The interior is divided through the middle, leaving three feet for the nursery and three feet for the exercising room. In this brooder the nursery, top, bottom and sides are double boarded and between the inner and outer walls, which are lined with building paper, is one inch dead air space. This is the only double walled brooder on the market today, and is therefore the most easily heated and is less affected by changes in the outer temperature. **Price, \$15.00.**

**In stock at Minneapolis. Delivered at Depot or Express Office, Minneapolis, Minn., at List Price.**

**Send for free catalogue of Model Incubators and Brooders.**

**CONKEY'S ROUP CURE.** Package, Postpaid, 50c; Six, \$2.75.

Lice Killer. Large package, 25c, postpaid, 40c.

Champion Leg Bands, 12 for 15c; 50 for 50c; 100, 80c. Postpaid.

No. 2 Suspended Incubator Thermometer, 60c, postpaid.

No. 7 Brooder Thermometer, 50c, postpaid.

#### **Model Nutrine Chick Salts.**

5-lb. package, sufficient for 50 pounds Beef Scrap, or 100 lbs. mash, full directions with each package. By express, \$1.00.

Crushed Oyster Shells, 100-lb. bags, 75c.

Grit Hen or Chick size, 100-lb. bags, 70c.

## CHOICE VARIETY OF FLOWER SEEDS.



Let me remind my friends that Flower Seeds, being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. For the smaller varieties, such as pansies, the rows may be from ten to twelve inches apart; the largest upright varieties, such as zinnias and marigolds, the rows should be fifteen to eighteen inches apart; while for running

varieties, such as verbenas, the rows may be two feet apart. Seed the size of sweet peas may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in and facilitate vegetation if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small, with a bold hand, and after they have attained the height of two inches, thin again boldly. Give each plant plenty of room, according to its habit of growth. A common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A." annexed to the name of varieties signifies Annual; "B." Biennial; "P." Perennial.

**ANNUALS** grow, bloom, and die the first year from seed; **BIENNIALS** bloom the second year from seed, and then die, though many, if sown early in the spring, will flower the first year. **PERENNIALS** usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

All Flower Seeds sent **POSTPAID** at Catalogue Price.

### ACROCLINIUM. (A.)

**Everlasting.**—A very pretty, half hardy annual producing white and rose colored, double, daisy-like flowers, about one and one-half inches in diameter. These are the "Immortelles" so desirable for wreaths and winter bouquets. Height fifteen inches. **Mixed, Pkt. 5c.**

### AGERATUM. (A.)

A beautiful hardy annual. The flowers borne in dense clusters are very useful for bouquets and the plants are very attractive in the garden. The different varieties are from six inches to two feet high and are covered with bloom nearly all summer. **Mexicanum.** Light blue, about twenty inches high. **Pkt. 5c.**

### SWEET ALYSSUM. (A.)

This is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white Forget-Me-Nots. It is pleasantly fragrant, and just the thing for personal adornment or for the breakfast table. It begins to blossom early in the season and blooms more or less constantly until fall. It is a neat, thrifty, healthy grower and should be cultivated by every one who wants an all-around good plant. Sow the seed wherever they are to remain. If too thick, thin out. **Pkt. 5c; ½ Oz. 15c** (enough for a row 40 ft. long); **Oz. 25c.**

### ARISTOLOCHIA SIPHO. (P.)

**Dutchman's Pipe.**—A vigorous growing climber, with curiously shaped purple-brown flowers and very large, heart-shaped leaves which have a tropical appearance; very effective for verandas. There is no better hardy climbing vine for shade or screen purposes. No insects or other troubles seem to mar its deep green foliage. Hardy perennial; grows from fifteen to thirty feet high. **Pkt. 10c.**

### ASTERS. (A.)

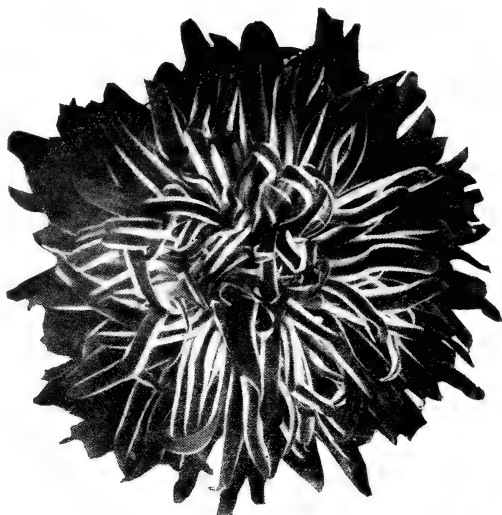
**Queen of the Market.**—Plants about one foot high, bearing from ten to fifteen finely formed flowers on long and graceful stems; blooms very early. Best for early cutting. White, Pink, Light Blue. **Pkt. 10c; Oz. 75c.**

**Truffaut's Perfection Peony Flowered.**—The plants are about two feet high and produce large, perfectly formed and brilliantly colored flowers, with petals curving upward and inward, forming blooms of great beauty. The different colors come quite true to name. **Mixed, Pkt. 5c.**

**Giant Comet, or Poodle Asters.**—This class is one of the handsomest of the tall-growing sorts. The plants grow about 18 in. high and bear in great abundance their immense flowers. These flowers, with their long, twisted petals, strikingly resemble Japanese Chrysanthemums. **Giant Comet, Mixed. Pkt. 10c; ½ Oz. 20c; Oz. \$1.00. Giant Comet, Pure White. Pkt. 10c; Oz. \$1.25.**



**Aster, Comet, Ruby and White.**—This strikingly beautiful novelty, of the same habit as the other varieties of this popular class of aster, originated from the Ruby Giant Comet Aster introduced a few years ago. Its peculiar color is quite unique among all asters. It is equally valuable for bedding, potting and cutting purposes. **Pkt.** ent in several respects from any Aster known. The branching habit is 15c.



**W. H. B. Giant Branching Asters.**—Beautiful Asters for cut flowers. Quite differ-

accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long stiff stems, and the colors are clear and handsome. Pure White, Light Rose, Indigo, Lavender, Crimson, Cinnabar-Carmine, Dark Scarlet. **Price:** **Pkt.** (100 seeds) 10c; 1 pkt. each of the 7 for 50c. Per  $\frac{1}{8}$  Oz., each, 25c.

**Ostrich Plume Aster.**—A magnificent Aster, freely-branching, with long-stalked, graceful, fine double flowers of immense size, composed of very long, narrow, loosely curled florets, suggestive of a curled ostrich plume. Exceptionally handsome as cut flowers. Pure White, Rose, Terracotta. **Pkt.** 10c; **One Pkt.** each of three, 25c.

#### **BALSAM. (A.)**

Known as Lady Slipper and Touch-me-not. Balsams have been so much improved by cultivation that, with good seed and proper care, a single flower is the exception now rather than the rule. Hardy annual; one to two feet high. **Pkt.** 5c.

#### **CANTERBURY BELL. (B.)**

**Campanula Medium.**—Handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted or thinned to eighteen inches or two feet apart and given some protection in severe winter weather. Has large, bell shaped flowers which are strikingly effective, colors white and various shades of violet, rose, lilac and blue. Height two to four feet. One of the wild forms of Campanula is the "Blue Bells of Scotland." **Double Mixed, Pkt.** 5c; **Single Mixed, Pkt.** 5c.

#### **CALLIOPSIS OR COREOPSIS. (A.)**

Very showy border plants, producing in great profusion and for a long time flowers which are bright yellow and rich brown, either self colored or with these colors and red contrasted.

**Coreopsis Tinctoria.**—Although a native plant this is one of the most desirable of our garden flowers. It produces an abundance of brilliantly colored flowers, varying from clear yellow to deep rich brown, the two colors often being beautifully contrasted in the same blossom. They are borne on long, graceful stems and are very desirable for decorative purposes. Very hardy and profuse blooming annual; two to three feet high. **Fine Mixed, Pkt.** 5c.

**Lanceolata grandiflora.** (P.)—A hardy perennial, blooming the first year and producing on long stems a constant succession of very rich bright yellow flowers about three inches in diameter; exceedingly valuable for decorative purposes. **Pkt. 10c.**

#### CANARY BIRD FLOWER. (A.)

**Tropæolum canariense.**—A beautiful climber with small, curiously shaped canary colored blossoms. Will bloom freely from July until killed by frost. Tender annual. Height about twenty feet. **Pkt. 5c.**

#### CANDYTUFT. (A.)

**Iberis.** Showy, branching plants about fifteen inches high. Considered indispensable for cutting and very effective in beds, masses or rockeries. If shown in spring the plants will bloom from July to September, or if in the fall will blossom from May to July. Hardy annual.

**Rocket.**—**Giant Empress.**—Extra large white trusses; a great improvement in the size and quality of the flowering trusses over the common white variety. **Fine Mixed, Pkt. 5c.**

#### CARNATION. (A.)

**Marguerite.**—The plants of this wonderfully fine strain may be made to bloom in four months. The flowers are large, double, very fragrant and appear in very attractive shades. One of the best "pinks" in cultivation. **Pkt. 5c.**

**Double Florists' Pink.**—**Plumarius Scoticus fl. pl.**—This is the double form of common garden, grass or clove pink and though so common is one of the best of our hardy garden perennials. **Pkt. 25c.**

#### CASTOR BEAN. (A.)

**Ricinus.**—Tall majestic plants for lawns, with leaves of glossy green, brown, or bronzed metallic hue and long spikes of scarlet, or of green, prickly fruit. Makes a rapid, vigorous growth in rich soil. Tender annual; six to fifteen feet high.

**Zanzibariensis.**—A comparatively new species of wonderfully vigorous growth, the plants growing from ten to fifteen feet high. Leaves have a brilliant lustre, measure about thirty inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems. **Mixed Varieties, Pkt. 5c.**

#### CENTAUREA. (A.)

**Marguerite.**—A sweet scented, white Centaurea, about as large as a medium sized carnation. It is a sport from Centaurea Odorata and the plants are about eighteen inches high. The flowers are beautifully laciniated and produced on long stems; their lasting quality after being cut is remarkable. Hardy annual. **Pkt. 5c.**

**Imperialis Mixed.**—An excellent sweet scented variety. The flowers are finely laciniated and are about the size of a carnation. They have long stems and keep well after cutting. The colors range through white, rose, lilac, purple and yellow. Hardy annual; about eighteen inches high. **Pkt. 10c.**

#### DAISY. (P.)

The daisy has been so far improved by selection and careful cultivation that good seed will give at least eighty per cent of double flowers that are as large as any of the named sorts that are propagated by division of the roots and are sold at high prices. The plants bloom well in the house and are splendid for early spring and summer flowering when planted in a slightly shaded situation. **Double Rose** (Longfellow), Finest strain, **Pkt. 10c;** **Double White, Pkt. 10c;** **Double Mixed, Pkt. 5c.**

#### ESCHSCHOLTZIA. (A.)

**California Poppy.**—The state flower of California. A genus of the Poppy family, fully as valuable as the common Poppy for garden orna-

mentation as it blooms almost continuously throughout the season. A bed of these in full bloom gives a brilliant color effect. Hardy annual; height, except Bush, one foot.

**Bush.**—A new and distinct variety of unusual merit. Leaves are coarse and larger than the common kinds. Flowers are about three inches in diameter and are formed of broad, bright yellow petals with wavy edges. Stems ten inches long. Height of plant about two feet. **Pkt. 5c. Fined Mixed, Pk. 5c.**

#### FOXGLOVE. (B.)

**Digitalis.**—Grows to the height of three to four feet, affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of plant. Colors white, lavender and rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennial or perennial. **Fine Mixed, Pkt. 5c.**

#### FORGET-ME-NOT. (P.)

**Myosotis.**—A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. **Victoria, Pkt. 5c.**

#### COLUMBINE. (P.)

**Aquilegia.**—Every well regulated garden has a space devoted to hardy perennials and no bed of perennials would be complete without a due proportion of columbines. They are of the earliest culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clean of weeds and given each year a liberal dressing of well rotted manure. Hardy herbaceous perennials; two to three feet high. **Pkt. 5c.**

#### FOUR O'CLOCK. (A.)

**Marvel of Peru.**—The plants are large and each needs three or four feet of space each way for its best development. The flowers are funnel shaped, white, red, yellow or striped with these colors, open about four o'clock in the afternoon, remain open all night and generally perish before noon the next day. The abundance of new flowers produced daily affords a constant succession of fine blooms. The French call it Belle de Nuit, "Beauty of Night." Will grow in any common garden soil. Sow seed in open ground. Hardy annual; two feet high. **Mixed Pkt., 5c. Mixed Double, best and finest colors, Pkt. 5c.**

#### GAILLARDIA. (A.)

Showy plants, flowering the first year and among the gayest ornaments of the garden.

**Picta Lorenziana.**—For general decorative purposes as well as for bouquets, this is invaluable. The gay colored flowers are abundantly produced from July even until hard freezing weather. Hardy annual; one foot high; with root protection in winter is often treated as a perennial. Sulphur, orange, claret and amaranth mixed. **Pkt. 5c.**

#### GOURD. (A.)

**Cucurbita.**—A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are much used for covering old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high. **Mixed Pkt. 5c.**

#### HOLLYHOCK. (P.)

The modern hollyhock is entirely different and more beautiful than the plant of twenty years ago, being much more compact in growth, the flowers larger, richer colored and the double varieties are fuller and of better form. For a background to a flower garden there can be nothing better. Hardy perennial; five feet high.

**Chater's Finest Mixed.**—Double varieties of the greatest perfection. **Pkt. 10c.**

**JOB'S TEARS. (A.)**

**Coix Lachryma.**—Curious ornamental grass with broad, corn-like leaves and seeds of a light slate color. Valuable for the formation of winter bouquets in connection with everlasting flowers. Strings of handsome beads are made from the seeds. Hardy annual; three feet high. **Pkt. 5c.**

**KOCHIA TRICOPHYLIA. (A.)**

An easily grown annual which should be sown early when the trees are coming out in leaf. The plants are always of globe-like form, branching freely, the stems being covered with delicate light green foliage. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire. Very showy when planted singly and there is nothing handsomer for a summer hedge. **Pkt. 5.**

**LARKSPUR. (A.)**

Very beautiful, hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set 10 inches apart. **Dwarf Rocket, Double, Mixed. Pkt. 5c.**

**LOBELIA. (A.)**

Strikingly pretty, profuse blossoming plants; the delicate, drooping habit of the *Erinus* varieties renders them fine for hanging baskets, while the compact sorts, forming little mounds of blooms, are splendid for beds, edgings, etc. **Compacta, Crystal Palace. Dark Blue. Pkt. 5c.**

**MARIGOLD. (A.)**

No flower garden seems complete without this fine old fashioned plant. The African varieties are tall, usually about three feet, while the French are more dwarf; all are desirable. Start the seed early indoors and transplant six inches apart as soon as danger of frost is over. Hardy annuals; in bloom till frost comes.

**African El Dorado, Double.**—Flowers about three inches in diameter, imbricated, extremely double and in tints of primrose, orange and gold. **Pkt. 5c.**

**MIGNONETTE. (A.)**

A well known hardy annual producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer it will bloom till killed by frost. Seed sown in autumn will bloom early the following spring. Thrives best in a cool temperature. Hardy annual; one foot high.

**Machet.**—Of dwarf and vigorous growth, with numerous stout flower stalks, terminated by massive spikes of red flowers. One of the very best for pot culture. **Pkt. 5c.**

**MOON FLOWER. (A.)**

**Ipomœa Grandiflora Alba.**—Will grow thirty to forty feet in a single season and be covered with its large, white flowers, every evening and cloudy days. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell and the seed planted about one inch deep in moist soil in a box or pan and set in a warm place. If the soil be kept moist, germination will take place in about two weeks. After the plants are up, plant outdoors in a sunny situation when danger from frost is past. Also known as *Ipomœa Noctiflora*. **Pkt. 10c.**

**MORNING GLORY—GIANT JAPANESE MIXED. (A.)**

Flowers of immense size, some are brilliant red or rich blue; others are equally brilliant, with broad margins of clear white; some are striped and dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red; the foliage in some plants comes plain green, in others it is mottled with white and shades of yellow or yellowish-green. **Pkt. 5c.**

**MOURNING BRIDE. (A.)**

(Scabiosa or Sweet Scabious.) This is one of the most attractive of the old fashioned flowers. Its great abundance and long succession of rich colored fragrant blossoms borne on long stems make it one of the most useful of the decorative plants of the garden. It has been greatly improved of late years, producing larger and more double flowers of greater variety and brilliancy of color than in the old type. Hardy annual; twelve to eighteen inches high. **Double Mixed. Pkt. 5c.**

**NASTURTIIUM. (A.)**

**Dwarf Nasturtiums.—Tropæolum Minor.**—A bed of dwarf nasturtiums in the yard is very brilliant and attractive, blooming all the season. The plants are so evenly dwarf that they are often used for a border. Hardy annual; about one foot high. **Mixed Pkt. 5c; Oz. 15c.**

**Nasturtium.**—Tall or trailing. **Mixed Pkt. 5c; Oz. 15c.**

**PANSY.**

**Queen of the Giants.—Mixed.—**

The pansy is growing in popularity every year, with it the demand for giant, rich colored blossoms is increasing.

I am offering a strain of seed grown by one of the leading European pansy specialists, which can be depended upon to meet with all the requirements as to form, color and size.

Plants are distinguished by their robust growth and form, compact bushes of round shape, with strikingly large, healthy foliage.

The improved five spotted flowers which on long, vigorous stalks surmount the foliage in the most

graceful manner, are of enormous size, perfectly round form, original structure and unusual substance. The individual petals are exceedingly broad and cover each other in such a manner as to make the flowers appear almost double. With most of the flowers the border of every petal being conspicuously undulated and curled, which gives the flowers, a striking and very peculiar appearance entirely new to this class of plants. **Pkt. 25c; 1/8 Oz. \$1.00; Oz. \$7.00.**

**Mammoth Five Spotted.**—From named varieties. The immense flowers of this class resembling the Cassier, but being of almost double the size, full round form and comprising the most magnificent colors. **Pkt. 5c; 1/8 Oz. 75c; Oz. \$4.00.**

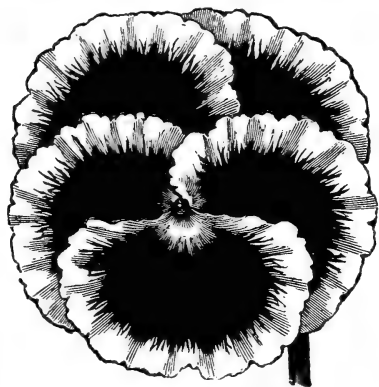
**Giant Lord Beaconsfield.**—Velvety purple violet, the top petals have a white margin. **Pkt. 10c; 1/8 Oz. 40c.**

**Giant Peacock.**—Dark red and violet, white margined. **Pkt. 10c; 1/8 Oz. 50c.**

**Giant Golden Queen.**—Pure Yellow. **Pkt. 10c; 1/8 Oz. 50c.**

**Giant Snowflake.**—Pure White. **Pkt. 10c; 1/8 Oz. 40c.**

**Giant Vulcan.**—Color, bright dark red, each petal being marked with a very large dark blotch. The flowers are of large size and good substance and the edges of the petals are curled like those of the "Masterpiece" from which it is a selection. **Pkt. 25c; 1/8 Oz. \$1.25.**



**Giant Psyche.**—Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. Pkt. 15c;  $\frac{1}{8}$  Oz. 75c.

**Giant Cassier Superb Strain.**—This is a fine mixture of pansies marked with three or five blotches on rich background, the flowers are very large, round and borne on stiff stalks. This mixture contains a great many red shades. Pkt. 15c;  $\frac{1}{8}$  Oz. 50c.

**Giant Odier or Five Blotched.**—Of extraordinary beauty and perfect form, unsurpassed for richness of color.—Pkt. 15c;  $\frac{1}{8}$  Oz. 40c.

### PHLOX DRUMMONDI (Large Flowering). (A.)

Unequaled in the magnificent display of their many and brilliantly colored flowers. They will grow even in poor soil, but in order to develop to their highest perfection, must have rich soil and must be given room. Plants from seed sown in open ground in fall or early spring will begin flowering about July 1, and be literally covered with bloom until autumn. Unsurpassed for masses of separate colors or for bouquets. One foot high. **Pure White**, Pkt. 5c; **Dark Red**, Pkt. 5c; **Finest Mixed**, Pkt. 5c.

### PETUNIA. (A.)

Large flowering. **Mixed**, Pkt. 15c; **Choice Mixed**, Pkt. 10c.

### PINKS. (B.)

(Dianthus). Hardy and half hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture. Seeds may be sown in the open ground where they are to remain, but better results are obtained, in the north, if plants are started in the house. **Chinese Double Mixed**, Pkt. 5c; **Heddewig's Double Mixed**, Pkt., 5c.

### PORTULACA. (A.)

**Double Mixed**, Pkt., 10c.

### POPPY. (A.)

(Papaver.) Well known hardy annuals and perennials flowering in great profusion throughout the summer. As early in spring as ground can be worked sow the seed where flowers are to bloom and cover lightly, since if planted too deep the seed will not germinate and the annual varieties do not bear transplanting. To insure a continuous bloom during a long season the flowers should be cut regularly and no seed pods allowed to form.

**The Shirley.**—This magnificent strain of Poppy affords during a long season flowers of the most charmingly delicate shades of colors imaginable, ranging from a pure glistening white through the pinks, reds and scarlets to the deepest crimson, the darker shades frequently being margined with white. Some of the petals are of silky texture, others look like tissue paper, some are plain, some crimped and some wavy. The flowers are exceedingly graceful and airy and lend themselves readily to bouquets which should be cut before the blooms are fully expanded; they will then keep fresh in water for several days. Pkt. 5c.

**Tulip Flowered.**—Produces bright scarlet flowers borne well above the foliage. The petals form a tulip-shaped cup and after a time black spots appear at the base of each petal. Hardy annual, one foot high. Pkt. 5c.

**Carnation, double white.**—Pkt. 5c.

**Carnation, double mixed.**—Large, showy, double flowers of various colors, two feet high. Pkt. 5c.

**Double White Fringed.**—This is the finest double white poppy. The plants are about two and one-half feet high, upright growing and so floriferous that a very fine showing is made. The blooms are from three to four inches in diameter, perfectly double, finely fringed and of the purest white. Pkt. 5c.

**SALVIA. (P.)**

(Flowering Sage.) Among the most brilliantly colored of garden flowers and extremely useful for bedding; also valuable for pot culture. Blooms are borne in long spikes well above the foliage and are of fiery red, crimson or blue color, continuing in flower a long time. Start early in heat and transplant into light soil one to two feet apart. Tender perennials; but bloom the first season; height two to three feet. **Fireball, extra fine, Pkt. 15c; Bonfire, Pkt. 10c.**

**SALPIGLOSSIS. (A.)**

Very showy bedding or border plants with richly colored, funnel shaped flowers, which are purple, scarlet, crimson, yellow, buff, blue or almost black, beautifully marbled and penciled. The seed may be sown indoors by the middle of March, or later, or may be sown outdoors in early spring; useful for cutting. Blooms from August to October. Half hardy annual; about two feet high. **Fine Mixed, hybrid varieties, Pkt. 5c.**

**STOCK. (A.)**

(*Mathiola*.) The Stocks, though not thriving so well in America as they do in England, are indispensable where a fine display of flowers is wanted and are particularly valued for edgings, bedding and pot culture. To such perfection has selection brought them that good seed will give a large proportion of exceedingly double flowers. Average height, one and a half feet.

**Double German Ten Weeks.**—These favorite summer flowers are excellent for bedding out and afford fine blooms for cutting. **Mixed, Pkt. 5c.**

**SUNFLOWER. (A.)**

These stately, old fashioned flowers with the newer improved varieties are coming into special favor as a background for lawns and in front of high fences. Valuable also as a screen to hide unsightly places and sometimes used to mitigate the evil of adjacent swamp holes. Hardy annual. Sunflowers grow readily in almost any soil, but do best on light, rich limestone or alluvial land well supplied with moisture and not shaded by trees or buildings.

**Double Chrysanthemum Flowered.**—A tall plant growing seven feet high and blooming profusely all summer. Flowers are double, large, round, and resemble chrysanthemums. The color is a splendid rich golden yellow, quite free from any black center. **Pkt. 5c.**

**SWEET PEAS. (A.)**

**Eckford's Hybrids Mixed.**—This is made up of the best of Eckford's large flowering sorts carefully proportioned. As only Eckford's varieties are used in this mixture, some of our very best sorts are necessarily excluded, but it will give large, finely formed flowers in a great variety of beautiful colors. **Pkt. 5c; Oz. 8c; ¼ Lb. 20c; Lb. 50c.**

**Trial Ground Mixture.**—This is a mixture of all varieties on trial grounds last year, including most of the newer varieties, and those of the Spencer and Unwin types. **Pkt. 5c; Oz. 10c; ¼ Lb. 35c; Lb. \$1.00.**

**Countess Spencer.**—A grand large flower of finest form and most beautiful coloring. The flowers are not only of extremely large size, but are distinct in having the outer edges of the standard and wings beautifully crumpled or waved. The coloring is a silvery white, suffused with soft rose pink, which deepens at the outer edges and becomes still richer or more heavily suffused in cool weather. The plant is a strong, vigorous grower, and the large flowers are borne three and four upon long stiff stems. **Per Pkt. 5c; Oz. 15c; ¼ Lb. 40c; Lb. \$1.25.**

**Dorothy Eckford.**—Pure white. **Pkt. 5c; Oz. 10c.**

**Queen Victoria.**—Light yellow. **Pkt. 5c; Oz. 10c.**

**Prima Donna.**—Pink. **Pkt. 5c; Oz. 10c.**

**King Edward VII.**—Red. **Pkt. 5c; Oz. 10c.**

**Countess of Radnor.**—Lavender. **Pkt. 5c; Oz. 10c.**

**Flora Norton.**—Blue. **Pkt. 5c; Oz. 10c.**

**VERBENA. (P.)**

The Verbena has been wonderfully improved during the past fifty years in form and size of flower truss and thrives particularly well in American soil. For masses in beds on the lawn no plant excels it. In the varieties may be found every color from white through lilac and rose to purple and very dark purplish blue. If sown in open ground in May they will bloom in August, but if started in the house in pots in winter they will flower sooner and may be had in constant bloom from June even until after the early, light frosts. Seed should be soaked in lukewarm water before planting and care taken that the soil be very rich. Verbenas can be grown from cuttings, but seedlings are more vigorous and produce more flowers, all being showy and often the clusters have a delicate fragrance. Half hardy perennial trailer which has gained much in popularity through treatment as an annual. **Mammoth, Pkt. 5c.**

**SWEET WILLIAM. (P.)**

(*Dianthus Barbatus.*) For display in the garden the Sweet William is unsurpassed. The plants produce a succession of flower clusters, thus affording splendid bloom for several weeks. The colors are exceedingly varied, ranging from white through many shades of rose, lilac, red, carmine, crimson, maroon, to nearly black, usually two shades to each plant. The seed can be planted in the spring in open ground and will blossom in the fall or the following spring; or it can be sown in August and will make fine blooming plants for the summer following. Hardy perennial; one and a half feet high. **Pkt. 5c.**

**ZINNIA. (A.)**

Very showy plants with large, double, imbricated flowers, which, when fully expanded might easily be mistaken for dwarf dahlias. There is much satisfaction in a bed of Zinnias, for when nearly every other flower has been killed by frost this plant is still in full bloom. Few flowers are more easily grown or bloom more abundantly throughout the season. Sow the seed early in spring, in open ground, and transplant to one and one-half feet apart in good, rich soil. Half hardy annual; about eighteen inches high. **Splendid double varieties, extra selected mixed, Pkt. 5c; Double dark purple, crimson, Pkt. 5c.**

**GRASS AND CLOVER SEEDS.**

Market prices fluctuate. Write for special quotations.

**BADGER LAWN GRASS SEED.**

**Badger Lawn Grass Seed.**—An unrivaled mixture of the purest and cleanest seed; it contains only the highest grade of grass suitable for the purpose of making a beautiful, durable, lasting lawn. My Badger mixed seed germinates quickly, roots deeply; this enables it to readily withstand the heat of summer and the severe cold of winter, showing a beautiful, rich green at all seasons of the year. Contains no annual grasses for making a quick show, but has only those which are hardy and lasting. A lawn once established from this seed lasts for years.

From six to eight weeks' time is all that is required to form a close, thick turf of rich, velvety green. For a perfect and enduring lawn of closely interwoven, firm, elastic turf, which will flourish under varied conditions of soil and climate and show a luxuriant, rich green growth throughout the year, plant Bofferding's Badger Lawn Grass Seed.

Quantities to use—1 lb. for 400 square feet, 100 lbs. for 1 acre. I sell by the pound instead of quart. One pound will measure nearly one and one-half quarts.



**Badger Brand, per Lb., 30c; 10 Lbs. \$2.50.** By express, purchaser's expense.

**Special Mixed, per Lb., 25c; 10 Lbs., \$2.00.** By express, purchaser's expense.

**Shady Place Mixed, per Lb., 35c; 10 Lbs., \$3.25.** By express, purchaser's expense.

**Kentucky Blue Grass.**—Can be used alone or mixed with white clover for lawn. Pure, clean seed. **Per Lb. 25c; 10 Lbs., \$2.00.** By express, purchaser's expense.

**White Clover.**—Best for lawns. Sow at the rate of 5 lbs. per acre. **Per Lb., 35c; 10 Lbs., \$3.00.** By express, purchaser's expense.

Above prices do not include postage. If to go by mail add 8c per lb.

**How to Make a Lawn.**—The preparation of the soil is very important in making a good lawn. As early as possible in the spring it should be thoroughly dug or ploughed to the depth of 10 to 12 inches and properly graded to the desired level. Remove all stones, sticks, sods, etc., harrow or rake it fine and roll it firm. It is impossible to get the soil too fine to receive the seed. After rolling, the soil will be ready for the seed. If the soil is poor, wood ashes, bone meal or pulverized sheep manure should be added after digging it up. Well-rotted stable manure is also good, but it often contains weed seeds. Sow the best seed obtainable; it is always cheapest in the end; use quantity as indicated by table on this page. It is best to sow seed liberally, not only so as to produce a lawn quickly, but because the best lawn seed produces fine-leaved grasses which should take entire possession of the ground at once, thus choking out and preventing the development of any weed seeds which are apt to be in all soils. Sow seed by hand, distributing it evenly, going both ways across the plot. After sowing, cover the seed by raking lightly, then roll. When the grass has become well rooted, use lawn mower. Keep the mower sharp, as if dull, it will pull and injure the grass, besides causing the lawn to have an uneven appearance. Never allow the grass to become so high that the mower will take off the first joint, as this is an injury. Mow as often as necessary; in growing weather at least once a week. Let the short clippings remain on the lawn, as they wither and dry and form a protection to the roots. When the clippings are long, they should be raked off; for besides being unsightly, they are also injurious. When dry and hot avoid cutting too close. In the early spring every lawn should be carefully rolled, to smooth and firm the soil and take out any unevenness caused during the winter by the heaving of the frost. During dry spells the lawn should be thoroughly soaked once a week in the evening or after the sunshine is off the lawn.

**To Grass a Terrace.**—Take for each square rod a pound of lawn grass seed, and mix it with about six cubic feet of good dry garden loam. Place it in a tub and add liquid manure, diluted with about two-thirds water until the mixture has the consistency of mortar. Make the slope perfectly even and smooth, water it well, then apply the paste in a thin, even coat.

Old lawns can be renovated by using half quantity of seed necessary to make a new lawn. Rake in the seed with a sharp tooth rake early in the spring.

**Special Quotations.**—I am always pleased to quote special prices to parks, institutions, golf clubs and others who require lawn grass seeds in large quantities.

### WHAT WE ARE DOING IS THIS.

Furnishing raw fertilizer materials, enabling the growers to do their own mixing, eliminating the expense and handling of "filler" or "make weight" material usually found in mixed or prepared fertilizers.

When purchasing raw materials you are assured of getting full value for money expended and the satisfaction in knowing you are handling the "pure quill" or "substance instead of shadow," also that you are in a position to supply your soil with any of the ingredients separately.

These materials or Plant Foods are adapted for all crops or plants and are termed as follows, containing analysis given when in the pure form:

Nitrate of Soda (testing 15.5% available Nitrogen, of 95% Soda), supplied in (about) 200 lb. original import bags.

Muriate of Potash (testing 50% available Potash).

Sulphate of Potash (testing 48% available Potash).

The potash is supplied in 224 lb. original import bags.

Acid Phosphate "High-Grade" (testing 14 to 16% available Phosphoric Acid) supplied in 200 lb. bags.

### A FEW SUGGESTIONS ON HOME MIXING.

When fertilizers are to be mixed together, pour the right quantity of each in a pile on the floor and turn them over two or three times with a shovel until they are thoroughly mixed. It is a good plan to run the whole through a sieve, which will completely mix the fertilizers. The mixing should not be done more than a week before the fertilizers are to be used, as the mixture may attract moisture and get hard if left too long after mixing. Any lumps found in the materials should be broken up with the back of a spade before mixing is started.

On Market-Garden Crops, Tobacco, Potatoes, Onions, Cabbage, Tomatoes and Fruit:

100 to 300 lbs. Nitrate of Soda.

100 to 200 lbs. Muriate or Sulphate of Potash.

300 to 600 lbs. Acid Phosphate.

500 to 1,100 lbs. per acre.

When using 300 lbs. Nitrate of Soda per acre mix 100 lbs. with the Potash and Phosphate and broadcast the remaining 200 lbs. in two equal dressings, two or three weeks apart during growing season. Send for pamphlet "Plant Food Facts."

Pure Bone Meal, 5 lbs., 25 cts.; 25 lbs., 75 cts.; 100 lbs., \$2.00.

Pulverized Sheep Manure makes the richest and safest liquid manure. One pound to five gallons of water. 100 lb. bag, \$1.50.

Nitrate of Soda should be sown when plants are in growth. 25 lbs., \$1.25; 100 lbs., \$4.00.

Muriate of Potash, 25 lbs., \$1.00; 100 lbs., \$3.25.

Acid Phosphate, 10 lbs., 30 cts.; 100 lbs., \$1.50.

Sulphate of Potash, 10 lbs., 50 cts.; 100 lbs., \$3.75.

Badger Lawn Dressing. A complete manure for top dressing of lawns. Odorless, clean and convenient to use. Sow broadcast in early spring, just as the grasses are starting into growth. It will be found of benefit in producing a nice, healthy growth of turf. It is much easier to use than a top dressing of stable manure, which not only is unsightly but fills a lawn with weeds.

Price, by express or freight, 10 lbs., 50 cts.; 25 lbs., \$1; 100 lbs., \$3.

## REFERENCE TABLES.

## Number of Plants to the Acre at Given Distances.

Dis. apart.	No. Plants	Dis. apart.	No. Plants
12x 1 in. ....	522,720	36x36 in. ....	4,840
12x 3 " ....	174,240	42x12 " ....	12,446
12x12 " ....	43,560	42x24 " ....	6,223
16x 1 " ....	392,040	42x36 " ....	4,148
18x 1 " ....	348,480	48x12 " ....	10,890
18x 3 " ....	116,160	48x18 " ....	7,790
18x12 " ....	29,040	48x24 " ....	5,445
18x18 " ....	19,360	48x30 " ....	4,356
20x 1 " ....	313,635	48x36 " ....	3,630
20x20 " ....	15,681	48x48 " ....	2,723
24x 1 " ....	261,360	60x36 " ....	2,901
24x18 " ....	15,520	60x48 " ....	2,178
24x24 " ....	10,890	60x60 " ....	1,743
30x 1 " ....	209,088	8x 1 ft. ....	5,445
30x 6 " ....	34,848	8x 3 " ....	1,815
30x12 " ....	17,424	8x 8 " ....	680
30x16 " ....	13,068	10x 1 " ....	4,356
30x20 " ....	10,454	10x 6 " ....	726
30x24 " ....	8,712	10x10 " ....	435
30x30 " ....	6,970	12x 1 " ....	3,630
36x 3 " ....	58,080	12x 5 " ....	736
36x12 " ....	14,520	12x12 " ....	302
36x18 " ....	9,680	16x 1 " ....	2,722
36x24 " ....	7,260	16x16 " ....	170

## Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre.

	Per Acre Quantity
Artichoke, 1 oz. to 500 plants.....	6 oz.
Asparagus, 1 oz. to 800 plants.....	
Asparagus Roots .....	1,000 to 7,250
Barley .....	2½ bu.
Beans, dwarf, 1 pint to 100 ft. of drill.....	1 bu.
Beans, pole, 1 pint to 100 hills.....	½ bu.
Beet, garden, 1 oz. to 100 feet of drill.....	7 lbs.
Beet, Mangel, 1 oz. to 100 feet of drill.....	5 lbs.
Broccoli, 1 oz. to 5,000 plants.....	2 oz.
Brussels Sprouts, 1 oz. to 5,000 plants.....	2 oz.
Buckwheat .....	½ bu.
Cabbage, 1 oz. to 5,000 plants.....	
Carrot, ¼ oz. to 100 feet of drill.....	2½ lbs.
Cauliflower, 1 oz. to 5,000 plants.....	
Celery, 1 oz. to 15,000 plants.....	
Chicory .....	4 lbs.
Clover, Alsike and White Dutch.....	6 lbs.
Clover, Alfalfa or Lucerne.....	15 to 25 lbs.
Clover, Crimson Trefoil.....	10 to 15 lbs.
Clover, Mammoth and Medium.....	8 to 12 lbs.
Collards, 1 oz. to 5,000 plants.....	
Corn, rice (shelled) .....	2 qts.
Corn, sweet, ¼ pint to 100 hills.....	6 qts.
Cress, ¾ oz. to 100 feet of drill.....	12 lbs.
Cucumber, 1 oz. to 100 hills.....	1 to 3 lbs.
Dill, ⅓ oz. to 100 feet of drill.....	5 lbs.
Egg Plant, 1 oz. to 2,000 plants.....	4 oz.

Endive, $\frac{1}{4}$ oz. to 100 feet of drill.....	4 $\frac{1}{2}$	lbs.
Flax, broadcast .....	$\frac{1}{2}$	bu.
Garlic, bulbs, 1 lb. to 10 feet of drill.....		
Gourd, 2 oz. to 100 hills.....		
Grass, Blue, Kentucky .....	2	bu.
Grass, Blue, English .....	1	bu.
Grass, Hungarian and Millet .....	$\frac{1}{2}$	bu.
Grass, Mixed Lawn .....	3 to 5	bu.
Grass, Red Top, fancy clean.....	8 to 10	lbs.
Grass, Red Top, in chaff.....	20 to 28	lbs.
Grass, Timothy .....	$\frac{1}{4}$	bu.
Grass, Orchard, Perennial Rye, and Wood Meadow.....	2	bu.
Hemp .....	$\frac{1}{2}$	bu.
Horse Radish Roots.....	10,000 to 15,000	
Kale, 1 oz. to 5,000 plants.....	2	oz.
Kohl Rabi, $\frac{1}{3}$ oz. to 100 feet of drill.....	4	lbs.
Leek, $\frac{1}{3}$ oz. to 100 feet of drill.....	4	lbs.
Lettuce, $\frac{1}{4}$ oz. to 100 feet of drill.....	3	lbs.
Martynia, 1 oz. to 100 feet of drill.....	5	lbs.
Melon, Musk, 1 oz. to 100 hills.....	1 to 3	lbs.
Melon, Water, 4 oz. to 100 hills.....	1 $\frac{1}{2}$ to 4	lbs.
Nasturtium, 2 oz. to 100 feet of drill.....	15	lbs.
Okra, 1 oz. to 100 feet of drill.....	8	lbs.
Onion Seed, $\frac{1}{3}$ oz. to 100 feet of drill.....	4 to 5	lbs.
Onion Seed, for Sets .....	40 to 80	lbs.
Onion Sets, 1 quart to 40 feet of drill.....	8	bu.
Parsnip, $\frac{1}{4}$ oz. to 100 feet of drill.....	3	lbs.
Parsley, $\frac{1}{4}$ oz. to 100 feet of drill.....	3	lbs.
Peas, garden, 1 pint to 100 ft. of drill.....	1 to 3	bu.
Peas, field .....	2	bu.
Pepper, 1 oz. to 1,500 plants.....		
Pumpkin, $\frac{1}{3}$ quart to 100 hills.....	3 to 4	lbs.
Radish, $\frac{2}{3}$ oz. to 100 feet of drill.....	10 to 12	lbs.
Rye .....	1 $\frac{1}{2}$	bu.
Sage in drills .....	4 to 5	lbs.
Salsify, $\frac{3}{4}$ oz. to 100 feet of drill.....	8	lbs.
Spinage, $\frac{1}{2}$ oz. to 100 feet of drill.....	8	lbs.
Summer Savory .....	$\frac{3}{4}$	lb.
Sunflower .....	8	lbs.
Squash, Summer, 4 oz. to 100 hills.....	2	lbs.
Squash, Winter, 8 oz. to 100 hills.....	2	lbs.
Tomato, 1 oz. to 4,500 plants.....		
Tobacco, 1 oz. to 5,000 plants.....		
Turnip, 1 oz. to 250 feet of drill.....	1 to 3	lbs.
Vetches .....	2	bu.

Include in your order a packet each:

**Half White, Scarlet Turnip Radish;**

**Queen of the Giant Pansies;**

**Improved Early Scarlet Globe Radish;**

**Ruby and White Aster;**

**Louvier's Lacinated Endive;**

**Golden Bantam Sweet Corn.**

Address all correspondence to W. H. Bofferding, 1221 Washington Ave. N., Minneapolis, Minn.





# Announcement

We are glad to avail ourselves of this opportunity to inform the patrons of the Bofferding Seed House that we are prepared to furnish

## SPRAYING MACHINERY

and appliances, of any and all sorts and sizes. We are located in Minneapolis and are desirous of getting in close touch with all vegetable and fruit growers in the NORTHWEST with a view of supplying them with the best spraying devices built. The Wallace line of sprayers is an old and well established one. It includes all sizes of hand and power sprayers for potatoes, grapes, orchards, grain fields, lawns, shade trees, etc. Our complete catalogue will be sent to any one needing a sprayer. Orders may be sent to W. H. Bofferding, Seedsman, Minneapolis, Minn., or direct to us. In writing us, please mention the fact that you received this circular.

AMERICAN SPRAYER CO.,

Builders of Wallace Sprayers.

WINTER AND CLEVELAND STS.

Minneapolis, Minn.

*'Twill Pay To Spray.*





*Amount Carried Forward,*





